



APICAL INDUSTRIES, INC.
dba DART AEROSPACE

ENGINEERING CHANGE NOTICE NO.

05368

SHEET 1 OF 1

DWG NO. 647.2100

REV: C

PREPARED
BY

J. BECKER

DATE: 03/31/16

EFFECT ON DWG

☐ INC. ☒ UNINC.

DWG TITLE: MOUNTING CHANNEL

APPROVED BY:

ENGR

MFG

QC

EFF.

NEXT ORDER

TRANSACTION CODES (TC):
A-ADD
R-REVISE
C-CREATE
D-DELETE

REASON: REVISED FINISH TO INCLUDE ANODIZE.

ECR:

N/A

ACTION ITEM:

1.

SHEET 1, ZONE C5 IS:

NOTES:

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH IAW MPP-172, SECTION 2.1, 3.3 & 4.3; 1-2 MIL MAX
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120.
- 5 HOLE LOCATIONS CONTROLLED BY 647.2110.
- 6 HOLE LOCATIONS CONTROLLED BY SOLIDWORKS MODEL
P/N 647.2114, LAST SAVED 02/29/16.

IS

DOCUMENTS EFFECTED:

☐ PATTERN ☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☐ BOM

CHANGE CATEGORY

☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED

☐ YES ☒ NO

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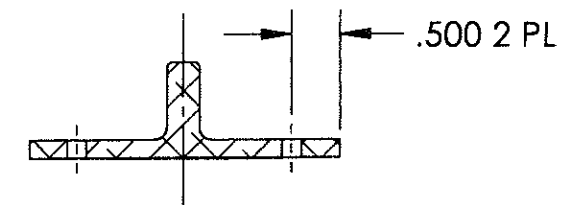
| REVISIONS | | | |
|-----------|--------------------------------------|----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| | LAST PROTOTYPE REVISION: PR2 | | N/C |
| NC | INITIAL RELEASE | 08/05/09 | P. BRAVO |
| A | INCORPORATED ECN 02695, 02961, 03920 | 06/07/13 | P. BRAVO |
| B | INCORPORATED ECN 03956 | 07/01/13 | P. BRAVO |
| C | INCORPORATED ECN 05326 | 02/26/16 | P. BRAVO |

NOTES:

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH IAW MPP-172, SECTION 3.3 & 4.3; 1-2 MIL MAX
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120.
- 5 HOLE LOCATIONS CONTROLLED BY 647.2110.
- 6 HOLE LOCATIONS CONTROLLED BY SOLIDWORKS MODEL P/N 647.2114, LAST SAVED 02/29/16.

UNINCORPORATED ECN(S)

05368



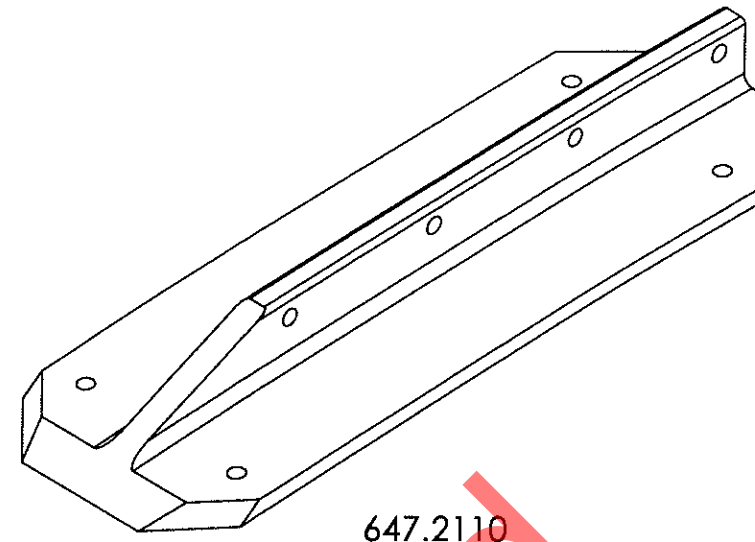
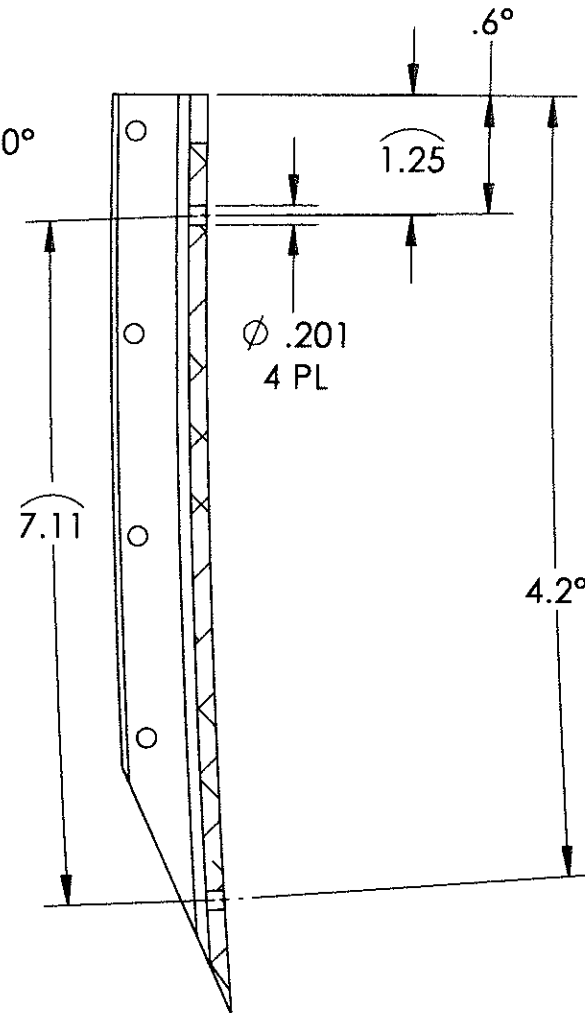
SECTION B-B

| QTY | FIND # | PART # | DESCRIPTION | MATL | SPEC. |
|--------------------|--------|----------|----------------------------|------|-------|
| | 5 | 647.2114 | UPPER U CHANNEL | △ | △ |
| | 4 | 647.2113 | LOWER RAIL | △ | △ |
| | 3 | 647.2112 | UPPER U CHANNEL | △ | △ |
| | 2 | 647.2111 | UPPER RAIL | △ | △ |
| | 1 | 647.2110 | LOWER RAIL | △ | △ |
| PARTS LIST | | | | | |
| NEXT ASSY (S) | | | ORIGINAL DATE | | |
| 645.1700, 647.1300 | | | 08/05/09 | | |
| | | | DRAWN BY | | |
| | | | S. HUFF | | |
| | | | CHECKER | | |
| | | | P. BRAVO | | |
| | | | DRAWING APPROVAL | | |
| | | | P. BRAVO | | |
| | | | 08/05/09 | | |
| | | | CONTRACT NO. | | |
| | | | | | |
| | | | UNLESS OTHERWISE SPECIFIED | | |
| | | | DIMENSIONS ARE IN INCHES | | |
| | | | TOLERANCES ARE: | | |
| | | | 2 PLACE DECIMALS ±.01 | | |
| | | | 3 PLACE DECIMALS ±.005 | | |
| | | | ANGLES ±.5° | | |
| | | | SIZE | | |
| | | | B 07M26 | | |
| | | | DWG. NO. | | |
| | | | 647.2100 | | |
| | | | REV | | |
| | | | C | | |
| | | | SCALE | | |
| | | | NONE | | |
| | | | SHEET | | |
| | | | 1 OF 5 | | |

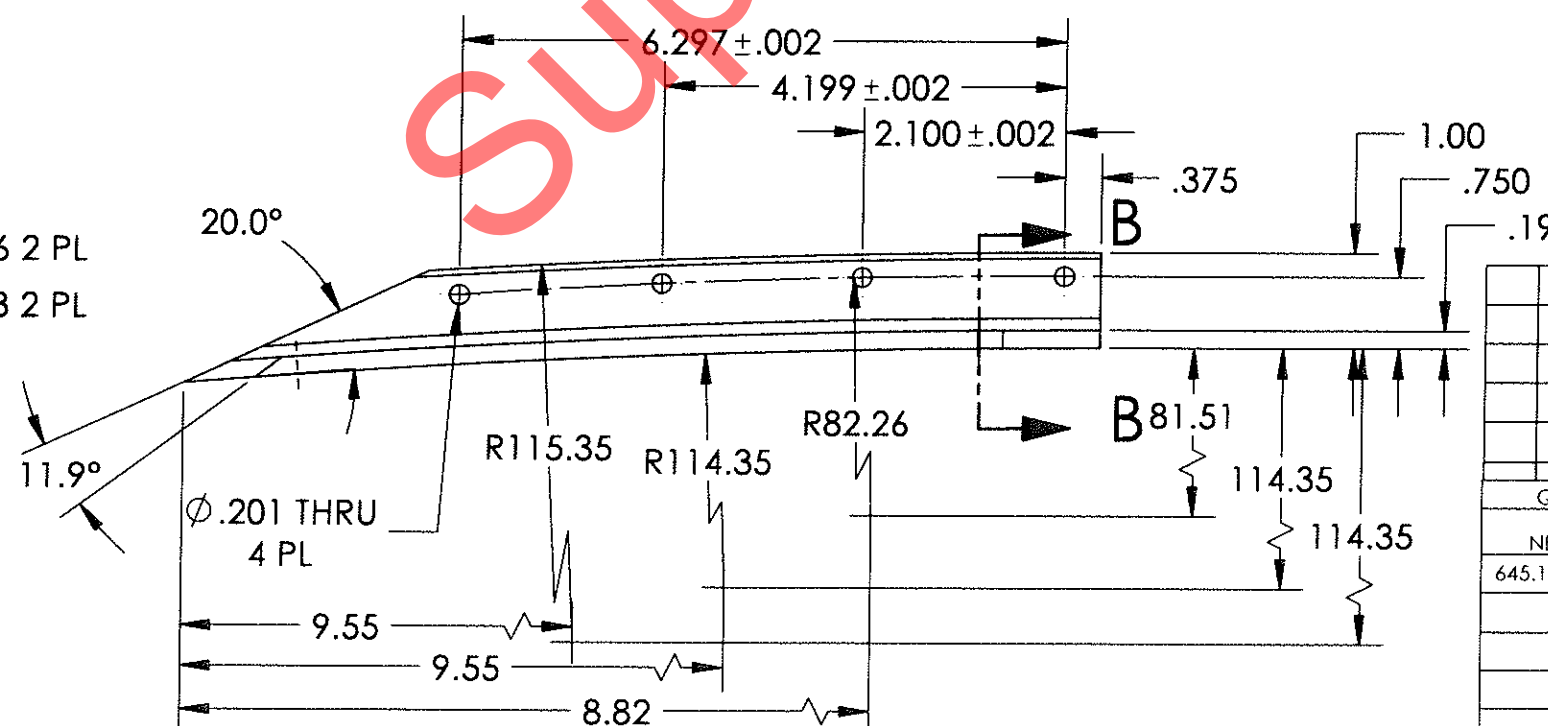
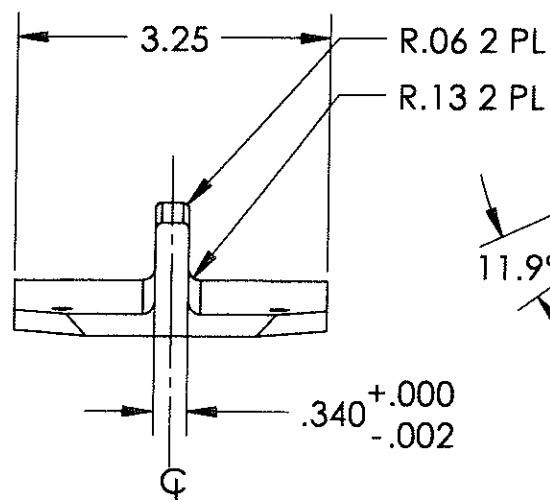
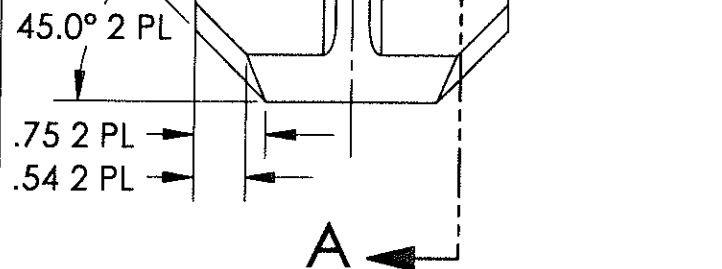
DART AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE
3030 ENTERPRISE CT., SUITE A
VISTA, CA. 92081
(760)-724-5300

MOUNTING RAIL

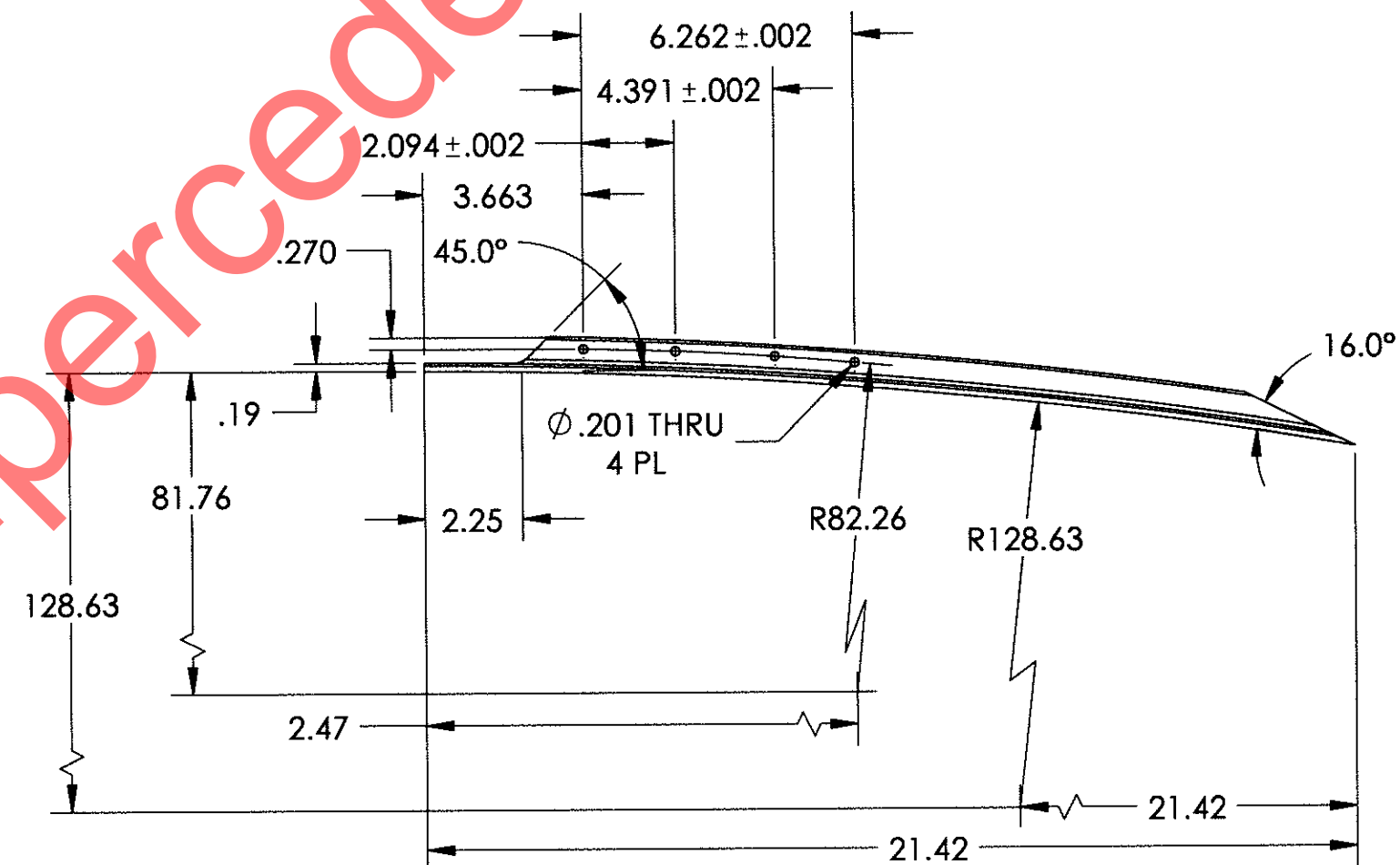
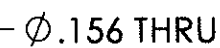
SECTION A-A




647.2110

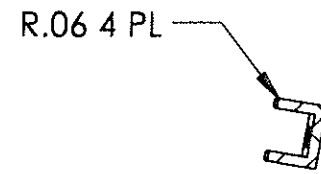


D

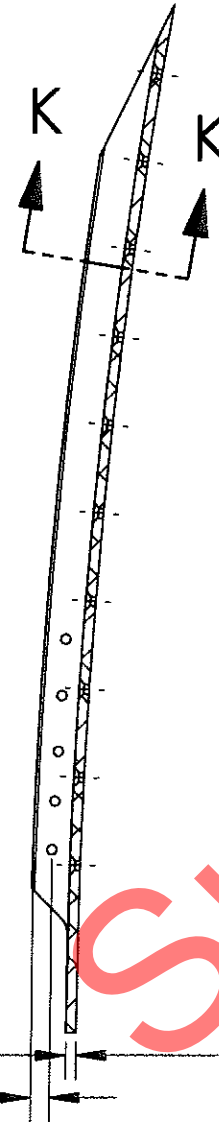


| | | | | | |
|---|---------------------|--|---|----------------------|-----------|
| ORIGINAL DATE (MCA-YR) | 08/05/09 |  DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE | 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 | | |
| DRAWN BY S. HUFF | CHECKER P. BRAVO | | | | |
| DRAWING APPROVAL P. BRAVO 08/05/09 | | | | | |
| CONTRACT NO. | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$ | | MOUNTING RAIL | | | |
| | | SIZE B | CAGE CODE 07MZ6 | DWG. NO. 647.2100 | REV. C |
| | | SCALE NONE | | SHEET | 2 OF 5 |

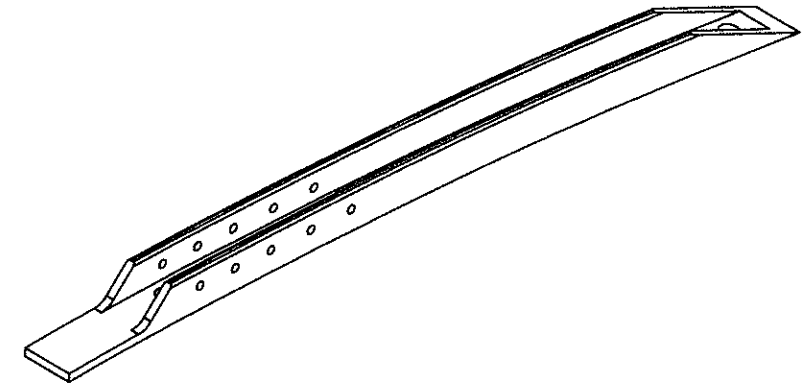
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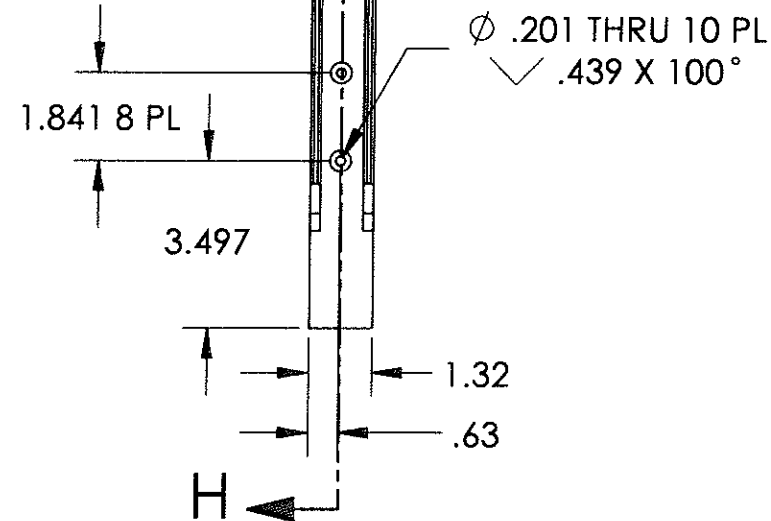
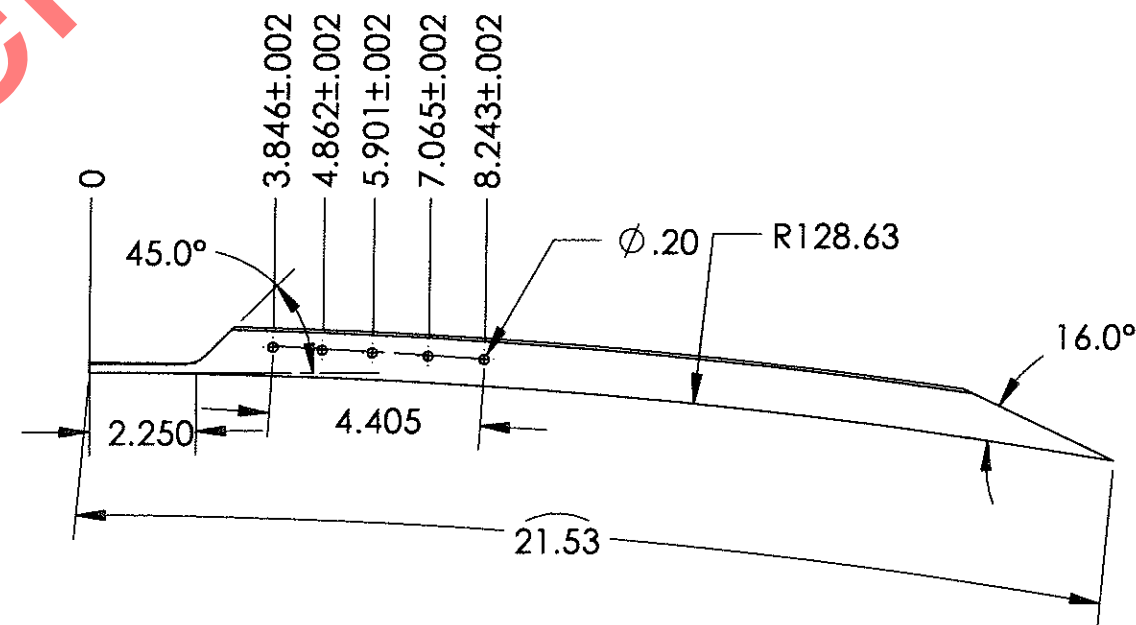
SECTION K-K



SECTION H-H



647.2112



ORIGINAL DATE
(MO-DA-YR) 06/05/09
DRAWN BY S. HUFF
CHECKER P. BRAVO
DRAWING APPROVAL
P. BRAVO
06/05/09
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS \pm .01
3 PLACE DECIMALS \pm .005
ANGLES \pm .5°

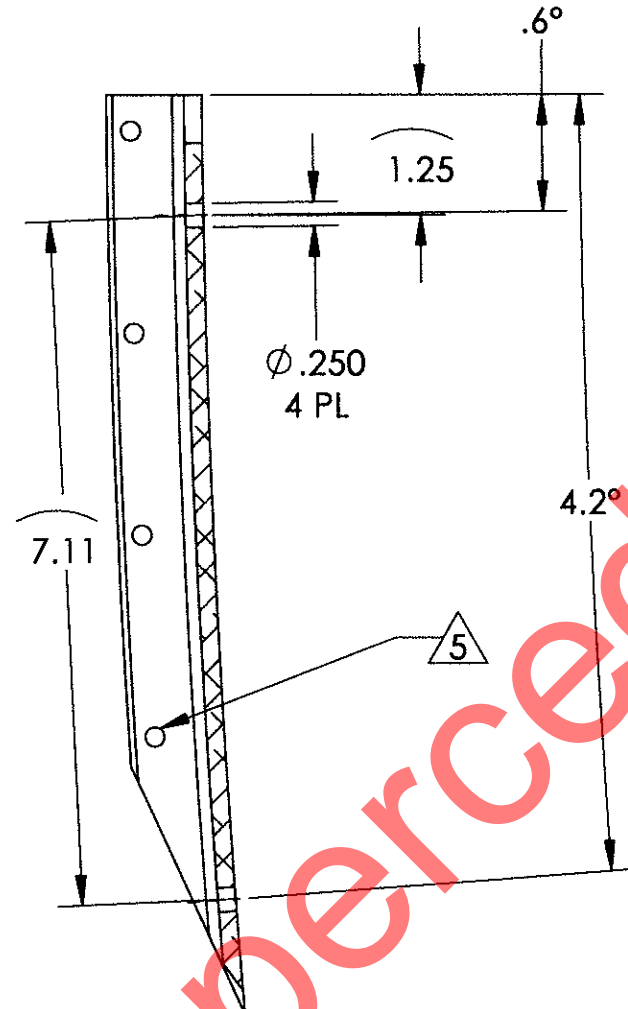
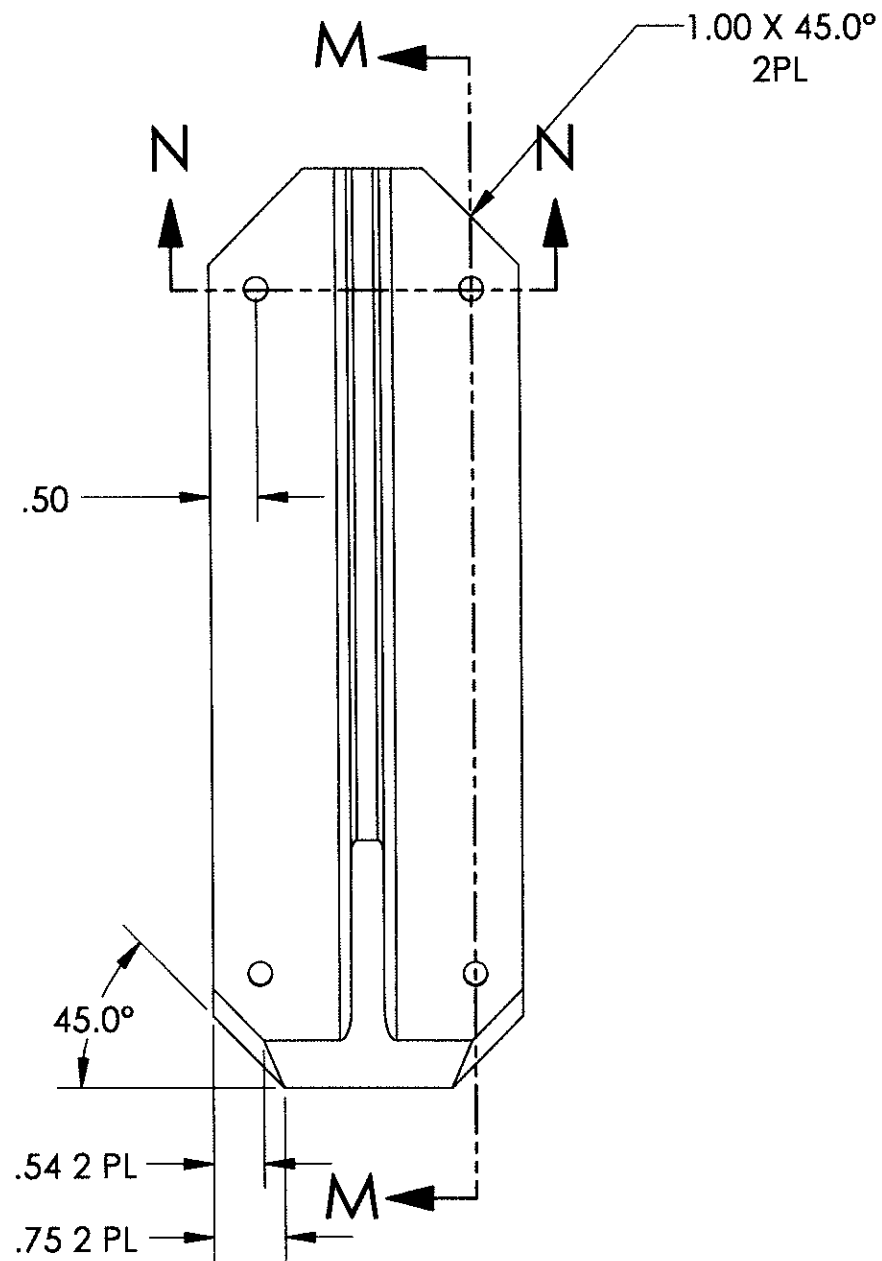
DART AEROSPACE
APICAL INDUSTRIES, INC.
3030 ENTERPRISE CT., SUITE A
VISTA, CA. 92081
(760)-724-5300
DBA DART AEROSPACE

MOUNTING RAIL

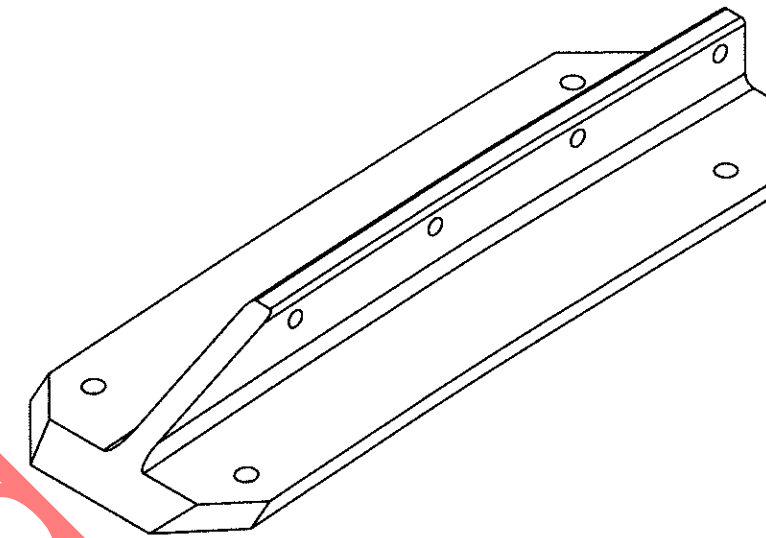
| SIZE | CAGE CODE | DWG. NO. | REV. |
|------------|-----------|----------|--------------|
| B | 07MZ6 | 647.2100 | C |
| SCALE NONE | | | SHEET 3 OF 5 |

1 2 3 4 5 6 7 8

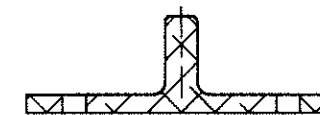
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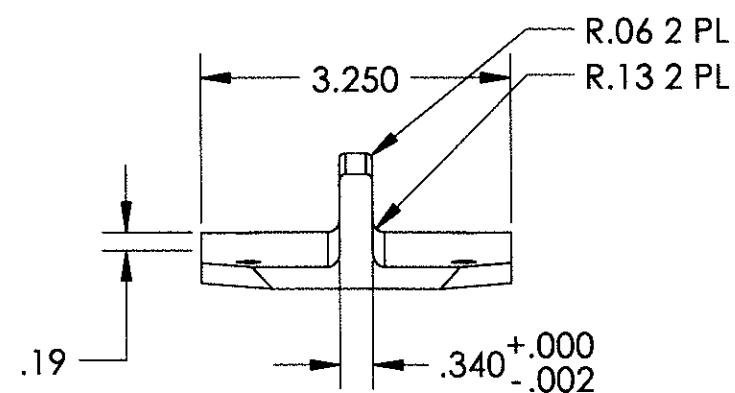
SECTION M-M




647.2113



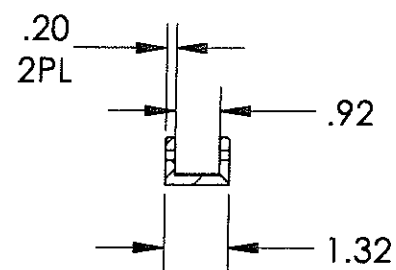
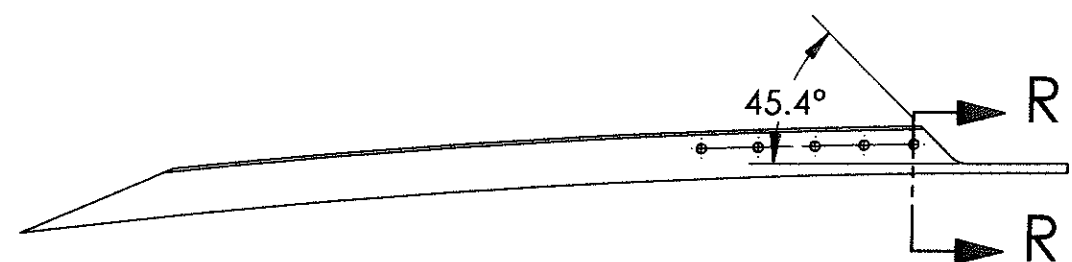
SECTION N-N



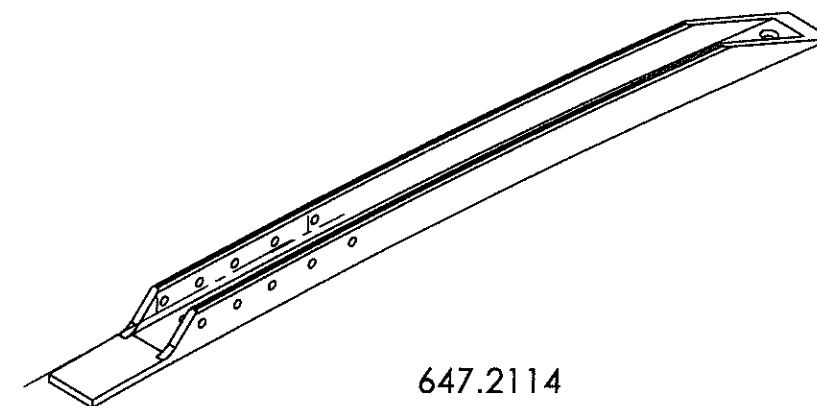
| | | | | | |
|---|---------------------|--|--------------------|-----------------------------|-----------|
| ORIGINAL DATE (MO-DA-YR) 08/05/09 | |  DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE | | | |
| DRAWN BY S. HUFF | CHECKER P. BRAVO | | | | |
| DRAWING APPROVAL P. BRAVO 08/05/09 | | MOUNTING RAIL | | | |
| CONTRACT No. | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5° | | SIZE B | CAGE CODE 07MZ6 | DWG. NO. 647.2100 | REV. C |
| | | SCALE NONE | | SHEET 4 OF 5 | |

1 2 3 4 5 6 7 8

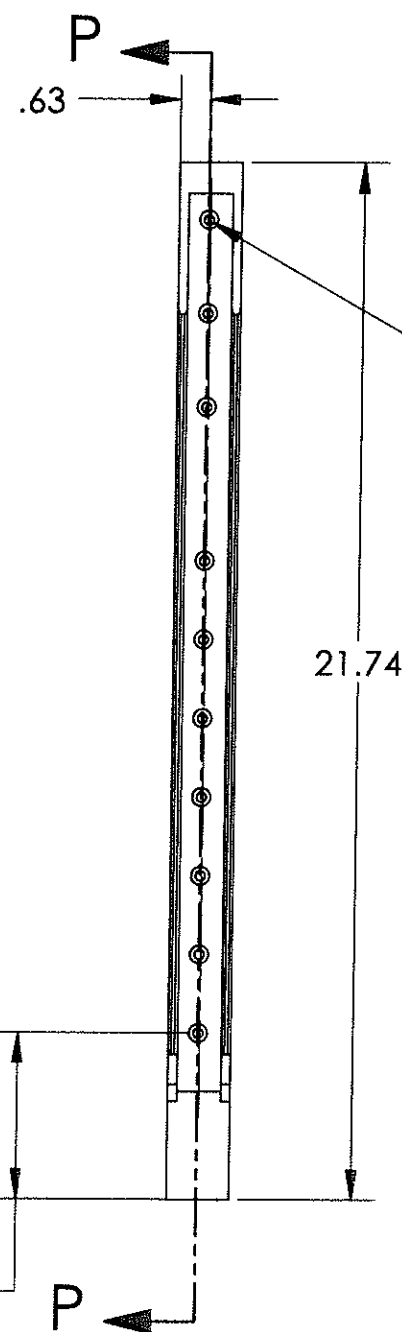
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SECTION R-R

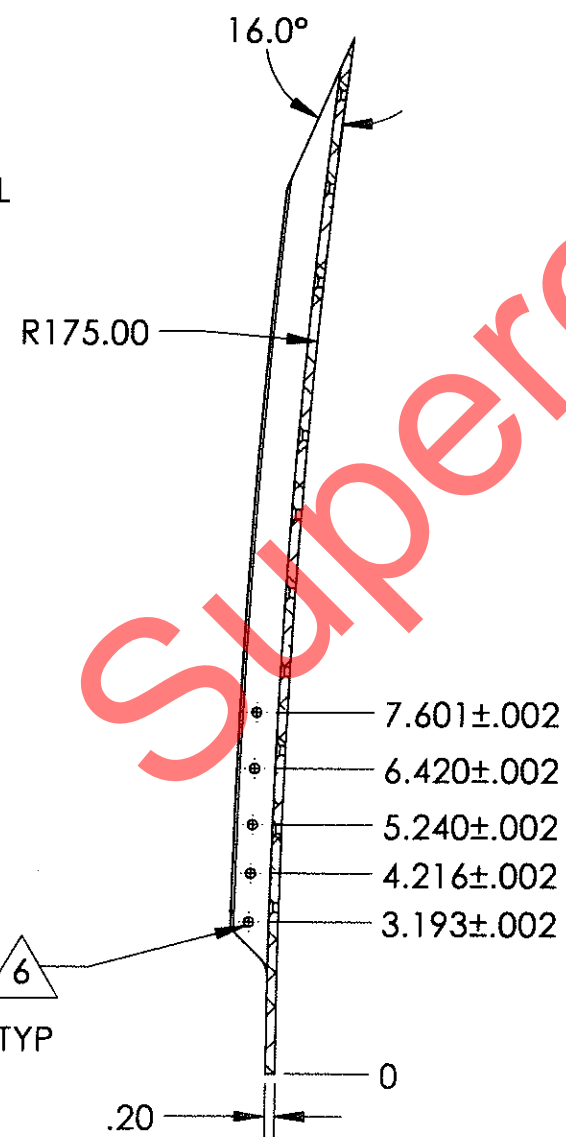


647.2114



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TYP

SECTION P-P

| | | | | | |
|--|---------------------|--|--------------------|----------------------|--------------|
| ORIGINAL DATE (MO-DA-YR) 08/05/09 | | 3030 ENTERPRISE CT. SUITE A VISTA, CA. 92081 (760)-724-5300 | | | |
| DRAWN BY S. HUFF | CHECKER P. BRAVO | | | | |
| DRAWING APPROVAL P. BRAVO 08/05/09 | | APICAL INDUSTRIES, INC. dba DART AEROSPACE | | | |
| CONTRACT NO. | | MOUNTING RAIL | | | |
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| | | SCALE NONE | | | SHEET 5 OF 5 |